

IN THE CLAIMS:

Claims 1, 3, and 15 are amended herein. Claims 9, 16 and 23 are canceled. All pending claims are produced below.

1. (Currently Amended) A computer implemented method for tracking movement of files within a network, the method comprising the steps of:

a mobility token manager on a source computer detecting an attempt to write a file to a target computer; and
responsive to the detection, the mobility token manager ~~writing~~ encrypting a mobility token containing data concerning at least the file and the write operation and writing the mobility token to the target computer.

2. (Original) The method of claim 1 wherein:

the mobility token manager is instantiated within a file system filter driver.

3. (Currently Amended) ~~The method of claim 1 wherein:~~ A computer implemented method for tracking movement of files within a network, the method comprising the steps of:
a mobility token manager on a source computer detecting an attempt to write a file to a target computer, wherein the mobility token manager is instantiated as at least one system call wrapper; and
responsive to the detection, the mobility token manager writing a mobility token containing data concerning at least the file and the write operation to the target computer.

4. (Original) The method of claim 1 wherein:

the mobility token contains at least one datum concerning the source computer

from a group of data consisting of:

- an IP address;
- a computer name; and
- a primary domain controller name.

5. (Original) The method of claim 1 wherein:

the mobility token contains at least one datum concerning the file from a

group of data consisting of:

- a file name;
- a content-based hash value;
- a digital signature;
- a version number;
- a last modification date; and
- a last modification time.

6. (Original) The method of claim 1 wherein:

the mobility token contains at least one datum concerning a user who has

ownership of an application program attempting to write the file to the

target computer, the datum being from a group of data consisting of:

- a user account name;
- a user account number; and
- a SID.

7. (Original) The method of claim 1 wherein:

the mobility token contains at least one datum concerning the attempt to write the file to the target computer, the datum being from a group of data consisting of:

- a date of the attempted write operation; and
- a time of the attempted write operation.

8. (Original) The method of claim 1 further comprising:

the mobility token manager compressing at least one mobility token.

9. (Canceled)

10. (Original) The method of claim 1 further comprising:

the mobility token manager hiding at least one mobility token.

11. (Original) The method of claim 1 further comprising:

the mobility token manager on the source computer determining whether another mobility token manager is running on the target computer; and the mobility token manager on the source computer only writing a mobility token to the target computer responsive to determining that another mobility token manager is running on the target computer.

12. (Original) The method of claim 1 further comprising:

before writing a mobility token to the target computer, the mobility token manager determining whether a mobility token associated with the file exists;

responsive to results of the determination, the mobility token manager performing a step from a group of steps consisting of:
responsive to determining that an associated mobility token exists, writing information concerning at least the file and the write operation to the mobility token; and
responsive to determining that an associated mobility token does not exist, creating an associated mobility token containing information concerning at least the file and the write operation.

13. (Original) The method of claim 1 further comprising:

the mobility token manager writing at least one instruction directed to a target computer in the mobility token.

14. (Original) The method of claim 1 wherein:

the mobility token contains an indication that the associated file has been scanned by an anti-malicious code scanning engine, and an indication of a malicious code definition file used for the anti-malicious code scanning.

15. (Currently Amended) A computer implemented method for tracking movement of files within a network, the method comprising the steps of:

a mobility token manager on a target computer detecting that a mobility token is being written to the target computer;
the mobility token manager reading the mobility token; and

the mobility token manager determining relevant information concerning a
file associated with the mobility token; and
the mobility token manager merging data from the mobility token into a
mobility token data store containing information from at least one
other mobility token.

16. (Canceled)

17. (Original) The method of claim 15 further comprising:

the mobility token manager reading at least one instruction for a source
computer in the mobility token; and
the mobility token manager executing the at least one instruction.

18. (Original) The method of claim 15 further comprising:

the mobility token manager reading the mobility token; and
in response to contents of the mobility token, the mobility token manager
rejecting the associated file.

19. (Original) The method of claim 15 further comprising:

the mobility token manager reading the mobility token;
from the contents of the mobility token, the mobility token manager
determining whether the associated file has been scanned by an anti-
malicious code scanning engine using a current malicious code
definition file; and
in response to determining that the file has not been scanned using a current
malicious code definition file, scanning the file for malicious code.

20. (Original) The method of claim 15 wherein:

the mobility token manager is instantiated within a file system filter driver.

21. (Original) The method of claim 15 wherein:

the mobility token manager is instantiated as at least one system call wrapper.

22. (Original) A computer system for tracking movement of files within a network,

the computer system comprising:

a software portion configured to detect an attempt to write a file to a target computer; and

a software portion configured to write a mobility token containing data concerning at least the file and the write operation to the target computer, responsive to the detection.

23. (Canceled)